ELSEVIER

Agriculture, Ecosystems and Environment 54 (1995) 227–228

Agriculture Ecosystems & Environment

Contents of *Agriculture, Ecosystems and Environment,* Volume 54

VOL. 54 NOS. 1–2 JUNE 1995

Spatial variability of soil salinity at different scales in the mangrove rice agro-ecosystem in West Africa
M. Sylla, A. Stein, N. Van Breemen and L.O. Fresco (Wageningen, Netherlands) 1
Carbon dioxide and temperature effects on pima cotton growth
K.R. Reddy, H.F. Hodges and J.M. McKinion (Mississippi State, MS, USA) 17
The fallow period as a weed-break in shifting cultivation (tropical wet forests)
A.d. Rouw (Wageningen, Netherlands) 31
Efficiency of the Carbo-Flo process to purify process water contaminated with agricultural pesticides
R. Ronday, A.J. Zweers and M. Maaskant (Wageningen, Netherlands) 45
Temperature effect on anaerobic digestion of bedding straw in a one phase system at different inoculum concentration
R. Torres-Castillo, P. Llabrés-Luengo and J. Mata-Alvarez (Barcelona, Spain) 55
The Mediterranean grazing ecosystems of the Golan Heights
N. Ish-Shalom-Gordon (Haifa, Israel) 67
Soil carbohydrates in aggrading and degrading agroecosystems: influences of fungi and aggregates
S. Hu, D.C. Coleman, M.H. Beare and P.F. Hendrix (Athens, GA, USA) 77
Contrasting effects of roots and mulch from three agroforestry tree species on yields of alley cropped maize
G. Schroth and J. Lehmann (Bayreuth, Germany) 89
Effect of bean geese (*Anser fabalis*) grazing on winter wheat during migration stopover in southern Sweden
E. Wallin (Linköping, Sweden) and P. Milberg (Uppsala, Sweden) 103
Effect of rice variety on methane emission from Louisiana rice
C.W. Lindau (Baton Rouge, LA, USA), P.K. Bollich (Crowley, LA, USA) and R.D. DeLaune (Baton Rouge, LA, USA) 109
Predator–prey association in mono- and dicultures: Effect of maize and bean vegetation
M. Coll and D.G. Bottrell (College Park, MD, USA) 115
Testing low-quality urban composts for agriculture: germination and seedling performance of plants
J.M. Murillo, F. Cabrera, R. López and P. Martín-Olmedo (Seville, Spain) 127
The impact of selenium supplemented fertilization on selenium in lake ecosystems in Finland
D. Wang, G. Alfthan, A. Aro, A. Mäkelä, S. Knuuttila (Helsinki, Finland) and T. Hammar (Kuopio, Finland) 137

Book review
Pollution in livestock production systems 149

Contents of *Applied Soil Ecology*, Vol. 2, No. 2 151

VOL. 54 NO. 3 JULY 1995

Review article
A review of the evaluation and use of tropical forage legumes in sub-Saharan Africa
D. Thomas (Chatham Maritime, UK) and J.E. Sumberg (Norwich, UK) 151

Elsevier Science B.V.

Interaction of soil microflora with the bioherbicide phosphinothricin
I. Ahmad and D. Malloch (Toronto, Ont., Canada) 165
Effects of season long CO_2 enrichment on cereals. II. Nutrient concentrations and grain quality
R. Manderscheid, J. Bender, H.-J. Jäger and H.J. Weigel (Braunschweig, Germany) 175
The effect of ozone, nitrogen dioxide or nitric oxide fumigation of cereals on the Rose Grain aphid *Metopolophium dirhodum*
G.E. Jackson (Edinburgh, UK) 187
The influence of different types of grassland field margin on carabid beetle (Coleoptera, Carabidae) communities
E.J. Asteraki, R.O. Clements (Okehampton, UK), and C.B. Hanks (Reading, UK) 195
Effect of storage and composting on the properties and degradability of cattle manure
T. Atallah (Beyrouth, Lebanon), F. Andreux (Dijon, France), T. Choné and F. Gras (Vandoeuvre-lès-Nancy, France) 203

Short communication
The impact on hydrology and water quality of woodland and set-aside establishment on lowland clay soils
J.R. Williams, S.C. Rose, G.L. Harris (Cambridge, UK) 215

Book reviews
Listening for change: oral testimony and development 223
Pasture mangement 224

Contents of *Agriculture, Ecosystems and Environment*, Volume 54 227

Announcement 229

Announcement from the Publisher 230

Contents of *Applied Soil Ecology*, Vol. 2 No. 2 231